**Receiving Report** Date: Dart P/O: Supplier: Release Note Attached: Packing Slip: Yes Waybill Attached: Yes Invoice: Shipment Complete: Cash Receipt: QC6 Inspection N/A Work Order Discrepancies Quantity Quantity Quantity Quantity Part Comments Description Short Ordered Received Returned Number 0 Initials of receiver (if shipment OK) Production/Admin: Location Received/Costing Initial

H:\FORMS\Purchasing\approved purch\RECREPORT Rev D

### **Purchase Order Receipt Listing**

Monday, March 19, 2012 7:25:13 AM

All amounts are calculated in domestic currency.

Page i of 1

All Vendors PO ID PO16444 Receipt Dates from 3/19/2012 to 3/19/2012 All Item ID/GL/WOs All Rec. Employees All Currencies Grouped by Vendor ID All Line Item Types

Description   Line   Project ID Referency   Pro UM/ Corr 19pe   Recy   Corr 19pe   Recy   Corr 19pe   Recy   Recy   Corr 19pe   Recy   Recy   Corr 19pe   Recy	\$1,823.12 0.0000	t Value: uantity:	Total Receipt Value: Total Balance Due Quantity:	To							
Project ID         Reference/ Description/ Cert Sla         PO U/M/ Stock U/M         Required Oby Recapting         Back Description/ Pour Sla         Recy Cost Per Unity Inspected Qity Muse Repeted Qity Pour Recapting Pour Pour Pour Pour Pour Pour Pour Pour	امید ما	uantity: ) U/M): uantity:	Total Received Quarter (PC Qty to Inspect (PC Total Reject Quarter)		، ح <u>ن</u> ءَ			<del></del>			, ~57
Project ID         Reference/ Cert Std         PO U/M/ Stock U/M         Required Date Required Date Receiption/ Receive Emp         Receive Emp (PO U/M)         Cost Per Unit (PO U/M)         Cost Per Unit Received Offy Received Offy Sada Offy Sada Offy Sada O	<i>-</i> ა			\$#O.17		DESJUZ	24.0000		ROUND BAR 1.00 121070	ďo	
Project ID         Reference/ Cert Sid         PO U/M/ Stock U/M         Required Date Required Qys Recy Emp         Recy Emp         Cost Fer Unit Qys         Recy Value Recy Emp         Cost IP Fer Unit (PO U/M)         Imspected Qys         Miss Qyst Rely Emp         Por U/M		°	0.0000	\$1.95 \$46.70	24.0000	3/19/2012			M6061T6R1.000		
Project ID         Reference/ Cert Std         PO U/M/ Execution         Reculired Date Required Qty Recy Emp         Cast Per Unit/ Po U/M         Cast Per Unit/ Recy Emp         Laspected Qty Recy Emp         MRSD VIII Recy End Qty Recy Emp         Laspected Qty Recy Emp         MRSD VIII Recy End Qty Recy Emp         Recy End Qty Recy Emp         Cast Per Unit/ Po U/M         Laspected Qty Recy Value         MRSD VIII Recy End Qty Recy Value         Recy Value Recy Value         Recy Value Recy Value Recy Value         Recy Value Recy Value Recy Value         Recy Value Recy Value Recy Value         Recy Value Recy Value Recy Value Recy Value Recy Value Recy Value         Recy Value Recy Value Re		,							3.50 121070		
Project ID Reference/ Description/ Cert Std         PO U/M/ Proportion/ From Properties         Po U/M/ Required Qry Properties         Recy Lev Emp Rev Emp Rev Emp         Rev Ev Emp (PO U/M)         Recy Cost Fer Unit Rev Emp Rev Value         Referted Qry Rev Value         MER Getted Qry Rev Value         WIS OFF Rev Value         Referted Qry Rev Value         WIS OFF Rev Value         Referted Qry Rev Value         WIS OFF Rev Value         Referted Qry Rev Value         WIS OFF Rev Value         Rev Value Rev Value         Recy Value Rev Value         Rev Value Rev Value Rev Value         Rev Value Rev Value Rev Value         Rev Value Rev Value R		0	0.0000	\$251.71		DESJ02	12.0000	110	6061-T6 Bar 2.50 x	do	
Project ID Reference/ Description/ Cert Std         PO U/M/ Even U/M         Required Date Recy Emp         Recy Emp         Cost Per Unit/ (PO U/M)         Image: Recy Enperted Qty Exp (PO U/M)         Cost Per Unit/ Recy Fine         Image: Recy Enperted Qty Exp (PO U/M)         MRS Qty Properted Qty Recy Fine         Respected Qty Properted Qty Property         MRS Qty Property         Respected Qty Property         MRS Qty Property         Respected Qty Property         MRS Qty Property	e	0	0.0000	\$20.98	12.0000	8/19/2012		)3. f	M6061T6B2.500XC		
Project ID   Reference/	3	<b>.</b>							121070		
Project ID         Reference/>Cert Std         PO U/M/ Stock U/M         PO U/M/ Required Qty Recquired Qty Recquired Qty Recv Emp         Recv (PO U/M)         Cost Per Unit/ (PO U/M)         Inspected Qty Recv Value Recv Endp         PMKIS QTy Recv Value Recv Emp         PO U/M)         PMKIS QTY Recv Value Recv Emp         PO U/M)         Post Per Unit/ Recv Emp         Inspected Qty Recv Value Recv Value Recv Endp         Po U/M)         PMKIS QTY Recv Value Recv Endp         PMIS QTY RECV Value Recv Value Recv Value Recv Endp         PMKIS QTY Recv Value Recv Value Recv Value Recv Endp         PMKIS QTY Recv Value Recv Endp         PMKIS QTY Recv Value Recv Endp         PMIS QTY REcv Value Recv Endp Recv Value Recv Value Recv Endp Recv Value Recv Value Recv Endp Recv Value Recv		0	0.0000	\$151.08		DESJ02	24.0000		000 6061-T6 Bar .500 x 5 00	Q.	·
Project ID Reference/ Description/         PO U/M/ Description/ Stock U/M         Required Date Required Qty Pourly	5	, 0	0.0000	\$6.29	24.0000	/19/2012	1	)5. f	M6061T6B0.500X0	manufacture of the second seco	
Project ID Reference/ Description/         PO U/M/ Description/ Project ID Received Date (PO U/M)         Required Date (PO U/M)         Received Date (PO U/M)         Received Qty (PO U/M)         Imspected Qty (PO U/M)         MRR Qty/ Project (PO U/M)         Qty           121070         M303R1.000         f         3/23/2012 3/19/201	2	1							121070		
Project ID         Reference/ Description/ Cert Std         PO U/M/ Stock U/M         Required Date Required Qty Recv Emp         Recv Qty Po U/M         Cost Per Unit/ Qty Recv Value         Inspected Qty Repeted Qty Recv Value         MRB Rejected		C	0.0000	\$879.05		DESJ02	192.0000		304/316 Sheet .063	ło	<b>~</b>
Project ID         Reference/ Description/ Reference/ Description/ Project ID         PO U/M/ Project ID         Required Date Required Qty Date/ Project ID         Recv Emp         Cost Per Unit/ Project ID         Inspected Qty Recv Value (PO U/M)         Inspected Qty MRB reject Project ID         MRB reject Project Project Project Project Project ID         MRB reject Project	€.	. 0	0.0000	\$4.58	192.0000	/19/2012		sf	M304S16GA		4
Project ID Reference/ Description/ Project ID Reference/ Description/ Project ID Reference/ Description/ Project ID Reference/ Description/ Project ID Reference/ Project ID Required Oty Description/ Project ID Required Oty Required Oty Recv Emp (PO U/M)         Recv Emp (PO U/M)         Cost Per Unit/ Projected Oty Reject Oty Recv Value Rejected Oty MRB Reject Oty Recv Value Rejected Oty Recv V	9	,							121070		
Project ID         Reference/ Description/ Stock U/M         PO U/M / Stock U/M         Required Date Required Qty Recv Emp         Recv Po U/M         Recv Po U/M         Cost Per Unit Pot Po U/M         Inspected Qty Recv Value Rejected Qty MRB Reject         MRB Rejected Qty MRB Reject         PO U/M		c	0.0000	\$315.15		DESJ02	32.0000	et sf	304/316 0.125 Shee	lo	7
Project ID Reference/ Description/ Stock U/M         PO U/M/ Stock U/M         Required Date Recv Emp         Recv Pour Poate/ Date/ Po U/M         Recv Pour Poate/ Recv Emp         Cost Per Unit/ Date/ Po U/M         Inspected Qty Recv Value Rejected Qty Po U/M         MRB Reject Reject Reject Reject Po U/M         P	÷	> <b>c</b>	0.0000	\$9.85	32.0000	/19/2012		sf	M304S11GA		 W
Project ID Reference/ Description/ Pour Pour Pour Pour Pour Pour Pour Pour	÷								121070		
Project ID Reference/ Description/ Stock U/M         PO U/M / Stock U/M         Required Date Required Qty Date/ Required Qty Date/ Pour Emp         Recv Emp         Cost Per Unit/ Opty Recv Value Pour Engected Qty Pour Eng		C	0.0000	\$84.31		DESJ02	12.0000	17	303 Round Bar 1.00	ō	7
Project ID Reference/ Description/ Stock U/M         PO U/M / Stock U/M         Required Date Recv Emp         Recv Emp         Cost Per Unit/ Opty Pour Recv Value Rejected Opty Recv Value Rejected Opty MRB Reject (PO U/M)         Inspected Opty MRB Reject Recv Emp (PO U/M)         PO U/M         WRB Reject Recv Value Rejected Opty MRB Reject Recv Emp (PO U/M)         PO U/M		o C	0.0000	\$7.03	12.0000	/19/2012	3/23/2012 - 3	f	M303R1.000		2
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Line Project ID Reference/ PO U/M / Required Date Recv Cost Per Unit/ Inspected Qty/ MRB Qty/ Nbr/ Description/ Stock U/M Required Qty Date/ Qty Recv Value Rejected Qty MRB Reject 1 Insp Cert Std Recv Emp (PO U/M) (PO U/M) Qty Req	÷	,		3				nkrupp Materials CA Ltd		Name	Vendor/D/Vendor
Line Project ID Reference/ PO U/M / Required Date Recv Cost Per Unit/ Inspected Qty/ MRB Reject Nbr/ Description/ Stock U/M Required Qty Date/ Qty Recv Value Rejected Qty MRB Reject		8	(1 O Om)		(FO 0/M)	есу Етр	×		Cert Std	isp .eq	
	Tioon.	MRB Reject		Cost Per Unit/ Recy Value	Recv Qty	Recv Date/		PO U/M / Stock U/M			

Tel: 613-632-9577 Fax: 613-632-1053 HYMKESBURY, ON KGA 1K7 HYMKESBURY, ON KGA 1K7 ISAO ABERDEEN ST IS 10 ABERDEEN ST DART AEROSPACE DART AEROSPACE :OL dius (SIII2) :OT blos **2LYN** INEKS (802-232-1320) dTS Trailer Apcle O Manifest Route -0 PREPAID Tel: 905 669 9444 Fax: 9057389033 Frt CONCORD, ONTARIO L4K 5C6 CONCORD LOB **Z8ZI LANGSTAFF ROAD** VIM TRANSFER V13 Probill THYSSENKRUPP MATERIALS NA 6:44 ELOW DEW 19Marl2 at Ship Date Ship From: **DEC 12803** € OM LADING H O BILLL

**DCS** 

St EL Quantity

P P D I M G

Tag No STAINLESS STEEL ROUND BAR 303 STAINLESS .750" DIA X 144.0000"

OE

609L7 **3DK8** Heat Number

BIPP

5) Ont Order PEC-430287- 2 Your PO # 16444

J) Our Order PEC-430287- 1 Your PO # 16444

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"0000.36 X "0000.84 X moV 0021. STAINLESS STEEL SHEET 304-2B 3 XOUY P6444 3) Our Order PEC-430287-

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B3827-4000 07774 Tag No

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.0000. A 144.0000" ALUMINUM FLAT BAR 6061-T6511 2) OUR Order PEC-430287- 5 Your PO # 16444

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ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY TNAMATAIDAMMI SAATROGAAR TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÉTRE

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER. RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT.

SZI IJ EL TT9L7 0T060T00Z MF TB2 SOd Tag No Heat Number 2.50" x 3.50" X 144.0000" ALUMINUM FLAT BAR 6061-T6511 6 Your PO # 16444 e) ont Order PEC-430287-T W D I M G ========= DART AEROSPACE DART AEROSPACE (STTOZ) :oI blos :oI dias **ZLYN INEKS (602-233-1320)** dīs Trailer лусте O Manifest Route PREPAID Frt Tel: 905 669 9444 Fax: 9057389033 CONCORD EOB CONCORD, ONTARIO ₽¥K 2Ge VIM TRANSFER Via 2821 LANGSTAFF ROAD Probill THYSSENKRUPP MATERIALS NA 9:44 From PFW 19Marl2 at Ship Date Ship From: **DEC 12803**₫ : ON ING OELIVD BILLL

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\*\*\* Chemical Analysis : LATOI

7 YOUR PO # 16444

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**3DK8** 300212 Heat Number

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ALUMINUM ROUND BAR 6061-T6511

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7) Our Order PEC-430287-

Heat Number

\*\* KELEKENCED ON IL \*\* \*\* ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER

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**JTA** 

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DART AEROSPACE

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sold To: (20115)

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PREPAID

CONCOKD

Ship Date 19Marl2 at

VIM TRANSFER

**ZLYN INEKS** (802-235-1320)

O Manifest

Trailer

: OM

6:44 Erom PFW

**BEG 12803** ₹

2821 LANGSTAFF ROAD THYSSENKRUPP MATERIALS NA : gyrb Lrom:

CONCORD, ONTARIO L4K 5C6

Tel: 905 669 9444 Fax: 9057389033

DART AEROSPACE (T :oT qins

ADDED TO EVERY ORDER.\*\*\*

LADING H O BIPP

ILEW (4) SKID

\*\*\*\* LET 800-976-7600 \*\*\*\* 9:00 AM TO 4:00 PM \*\*\* \*\*\* CONCORD, ONT.\* \*CUSTOMER PICK-UP HRS AT THYSSENKRUPP MATERIALS NA

ME SLOCK STRINLESS STEEL \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

\*\*\* PLEASE NOTE A \$25.00 ENERGY SURCHARGE WILL BE \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PLEASE LET US QUOTE YOUR NEXT REQUIREMENT

Page: 3 .... Last

MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER. RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT. ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY RAPPORTÉES IMMÉDIATEMENT. TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ÉTRE

### THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B .1200 Nom X 48.0000" X 96.0000" PART NO.

PO/Rel 16444

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

19Mar 12 Pg 2/3

Certificate of Mill Test Results BL PEC-758034-003

運鉛鋼鐵股份有限公司

高雄市前金區中正四路 235 號 13F Chianjin Chiu, Kaohsiung, Taiwan. 13-F, No. 235, Jungjeng, 4th Road INSPECTION CERTIFICATE 列印日期(ISSUE DATE): 2011/09/30 檢驗證明書 YUEN CHANG STAINLESS STEEL CO., LTD.

					-								
格号	答声名稱 Customer	Global Stainless Steel Inc. 1150 Meyerside Drive, Mississauga, Ontario Canada, 15T 134	nless Steel side Drive	l Inc. e, Mississ T 1.14	auga,	0			OR	ORIGINAL		PO No.: 82518 Shipment No.: 4970	8 .: 4970
通回	48	御格福號			極既	_	繁種	教衙	圏	產品尺寸(MM)	C	海軍(KG)	KG)
Item		Coil No.		Hea	Heat No.	Se	Steel Grade	Finish	Thickne	Thickness x Width x Length	Length	Net Weight	eight
. 15	KA10	KA10505150E10	1-2	A211	A2101743		304	2B	1.5	1.50 x 1219 x 3048	348	1,842	12
16		H4886-2		B985	B9857-4000		304	28	3.0	3.00 x 1219 x 3048	048	1,128	8
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		化學口	成份	ට්	Chemical Composition	mpositic	(%) uc		数	被城柱質	Mecha	Mechanical Properties	es
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Ш									机拉维度	降伏強度	4年15年	過度	硬度
Item	<u>s</u> ပ	Si Mn	д.	S	ඊ	۳	z		T.S N/MM²	Y.S(0.2%) N/MM²	Elong (%)	Hardness HRB	Hardness 11V
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16	0.046 0.414	├─	0.033	0.003	18.075	8.063	0.054	-	640	274	56.3	84.2	•
		-											
		-											
<b>茲證明</b> 2	茲證明本表所列產品,均依材料	,均依材料	規格製造及試験、並符合規格之要求。	を対象・並	符合規格	ン要求・				34,3	and on benef	-	
We here	We hereby certify that the products	the products	described 1	herein haw	been man	sufactured	described herein have been manufactured and tested with	ij.		D 2	EN CHAI	YORN CHANG STAINLESS. STREEL CO L'TD	.£85.
Satisfact	Satisfactory results in accordance	accordance w	ith the requ	uirement o	f the abow	e material	with the requirement of the above material specification.	٠			·		
本產品	本產品無觸射污染,並且不含汞	並且不合汞	•						•		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	,	
The mat	The material described above is free irradiation and free mercury.	above is fre	e irradiation	n and free	mercury.	÷				:		Authorized Signoturales	Valen
7	A Alkhala A	WHALL A COTTAGE AND AG	ALL A CTTAK A AOR	COV Y MA									

Accordance With ASTM A240 And ASTM A480

# THYSSENKRUPP MATERIALS NA DART AEROSPACE

STAINLESS STEEL SHEET 304-2B .1200 Nom X 48.0000" X 96.0000" PART NO.

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs. PO/Rel 16444

Signed by:

19Mar 12 Pg 3/3

Certificate of Mill Test Results BL PEC-758034-003

運鋁鋼鐵股份有限公司

檢驗證明書

高雄市前金配中正四路 235 號 13F

INSPECTION CERTIFICATE 列印日期(ISSUE DATE): 2011/09/30 YUEN CHANG STAINLESS STEEL CO., LTD.

13-F, No. 235, Jungjeng, 4th Road Chianjin Chiu, Kaohsiung, Taiwan.

L		CIA	Mie Stein	Clobal Stainless Steel Inc	I Inc									PO No. 82518	×
	% Destorated	11 O	Meyers rrio, Cas	1150 Meyerside Drive, Mis Ontario, Canada, LST 134	1150 Meyerside Drive, Mississanga, Ontario, Canada, LST 1.14	Sauga,		;			ORIGINAL	IF	,	Shipment No.: 4970	0.: 4970
項目		網捲編號	重跳		Į.	爐跳		網羅	_	表面	POI	產品尺寸(MM)	(P	海蜇(KG)	(KG)
lem		Coil No.	No.		Ħ	Heat No.	Š	Steel Grade		Finish	Thickn	Thickness x Width x Length	Length	Net W	Net Weight
	K	KA10505990E10-1	990E10-		A11	A1101712	_	304		NO.4	1.2	$1.20 \times 1219 \times 2438$	438	1,1	1,160
2	K	KA10505990E10-2	390E10-2	2	AII	A1101712		304	]	NO.4	1.2	$1.20 \times 1219 \times 2438$	438	1,1	1,150
6	K	KA10508840J20-1	840320-1		A11	A1101752		304		NO.4	1.5	1.50 x 1219 x 2438	438	1,1	1,134
4	K	KA10508840J20	840320-2		A11	A1101752		304		NO.4	1.5	1.50 x 1219 x 2438	438	1,1	1,124
. 5		H5060	. 091		B990	B9904-2010		304	~	NO.4	6.7	0.70 x 1219 x 2438	438	1,1	1,148
9	1	KA10336430F10	430F10		A21	A2101090		304		NO.4	6.0	0.90 x 1219 x 2438	438-	1,1	1,158
1	,¥Ľ,	KA10331970E20	970E20		A21	A2101089		304		NO.4	3.0	3.00 x 1219 x 2438	438		1,120
			化學成份	\$	Ü	Chemical Composition	ompositi	22	(%)		302	機械性質	Mecha	Mechanical Properties	ies
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m <u>.</u>		į		F			;	;			抗拉強度	降代強度	華阪路	硬度	- 超速
	ر	Б.	alv.		<i>n</i>	ל	Z.	z .			N/MM <sup>2</sup>	Y.S(0.2%) N/M/M <sup>2</sup>	Elong (%)	Hardness	Hardness
-	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050			989	288	55.0	87.5	1
2	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050			989	288	55.0	87.5	•
3	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040			699	325	56.0	83.0	*
4	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040			663	325	56.0	83.0	ľ
5	0.046	0.488	1.201	0.032	0.006	18.144	8.138	0.055			681	332	52.0	86.3	1
9	0.050	0.370	1.120	0.022	0.002	18.200	8.100	0.050			654	291	26.0	89.5	F
7	0.050	0.410	1.200	0.035	0.002	18.400	8.100	0.060			639	313	64.5	83.5	*
茲證明2 We here!	本表所列 by certify	產品,均 that the p	依材料规 roducts di	格製造及 escribed h	(武殿,山 ierein hav	拉證明本表所列產品,均依材料規格製造及試驗,並符合規格之要求 We hereby certify that the products described herein have been manufactur	5之要求。 nufacturex	在證明本表所列產品,均依材料規格製造及試驗,並符合規格之要求。 We hereby certify that the products described herein have been manufactured and tested with	l with			For and 'YUEN' STEEL	CHANG FO. L	FOR ANA UN BELLING STAINLESS. STEEL CO. LID.	øś
Natistact 大独品	Natisfactory results in accordance with 在商品無個對污染,也且不包狀。	S m accor	dance wit 不合来。	in the requ	urement (	or the abov	e material	Satisfactory results th accordance with the requirement of the above material specification. 木蕉品無輻射污染,拉且不会求。	on.				1		
The mate	The material described above is free Accordance With ASTM A240	ribed abov		irradiation and free	irradiation and free mercury.	mercury.							Aucharts	Aurharised Signaturefal	•=
2															

BL PEC-758034-001

Pg 1/1

Signed by:

STAINLESS STEEL ROUND BAR 303 STAINLESS .750" DIA X 144.0000" PART NO.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs. PO/Rel 16444

6870 Highway 42 East Ghent, KY 41045-9615 (502) 347-6000

8/10/2011 Page: 1 Of

Date:

NORTH AMERICAN STAINLESS NAS

METALLURGICAL TEST REPORT

BC 48086-COPPER AND BRASS SALES, ATTN: ACCOUNTS PAYABLE SOUTHFIELD Mail To: Certificate: 662449 02 0925 023 Customer:

CA 90670 Ü COPPER AND BRASS SALES, STANTA FR SPRINGS CUSTOMER PICKUE Ship To:

.7500 ln 144.00 in Finish: Cold Draw Leg Length: Length Dla/Thk: Corrogion:

> PRODUCT DESCRIPTION: 5400108557 Your Orders

LW 75344 1

MAS Order:

ASTH A582/05 RN 10204 3.1, ASTH A484/08 AMS 56400 TYPE 1, QOS-764B CONDITION A Round Bar, Annealed, Cold Draw

EC. ROES. EAP+AOD+CC. NO WELD REPAIR. MELITED AND MFG IN USA COMPLIES W/REQUINEMENTS OF DEARS BU DIRECTIVE 2002.95.

REMARKS

Item Code:

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CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) CHEMICAL ANALYSIS

Bundle Weight

Sundie Wedgitt

1103

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NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

OC ENGINEER

1

Indexed 30Jan12 by jessy Doc No. 126966

### THYSSENKRUPP MATERIALS NA

STAINLESS STEEL ROUND BAR 303 STAINLESS 1.00" DIA X 144.0000" PART NO. DART AEROSPACE

PO/Rel 16444

We certify that this is a true copy of the report furnished by the producer of the metal, or data

Certificate of Mill Test Results

BL PEC-758034-002

Pg 1/1

Signed by:

METALLURGICAL TEST REPORT resulting from tests made in approved labs.

NORTH AMERICAN STAINLESS 6870 HIGHWAY 42 EAST GHENT, KY 41045

6870 HIGHWAY 42 EAST

THYSSENKRUPP MATERIALS 2821 LANGSTAFF ROAD CONCORD, ON LAKSC6 007206 001 Certificate: 712109

Customer:

THYSSENKHUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON LAKSCE

Date: 2/15/2012

Page:

Steel: 303

Finish: CD

Corrosions

PEC236938 Your Order:

NAS Order: IN 0140609 01

ASTM A582/05 EM 10204 3.1, ASTM A484/10 DESCRIPTION: AMS 56400 TYPE 1, QQS-764B CONDITION A Round Bar, Annealed, Cold Draw PRODUCT

EC. ROHS. RAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA COMPLIES W/REQUIREMENTS OF DFARS EU DIRECTIVE 2002.95. FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION REMARKS

Mark Pieces Commodity Code Н Ħ --Length----144.00 1,008 Weight Size 1.0000 Skid # Diameter Product Id BE3487 2

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) ANALYSIS CHEMICAL

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PROPERTIES MECHANICAL

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BE3487 2	ĸ 리	191.00	68.99	<b>191.00</b> 68.99 <b>105.11 39.81 29.74</b>	39.81	29.74	

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

Technical Dept. Mgr.

2/15/2012 RIC HESS

Doc No. 128458 Indexed 17Feb12 by slssup1

### THYSSENKRUPP MATERIALS NA

BF bEC-128034-004 1

1/1 gq

DT LTC-\20024

Signed by:

PO/Rel 16444
We certify that this is a true copy of the report furnished by the producer of the metal, or defia

resulting from tests made in approved labs.

DART AEROSPACE 3.TAINLESS STEEL SHEET 304-2B 0.0600 Nom X 48.0000" X 96.0000"

Thyseonkrupp Stainless USA

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ThyseenKrupp Stainless USA, LLC

Originates with advantable to define the documents of Australia des Personal

### THYSSENKRUPP MATERIALS NA

BF 5EC-128034-002

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Signed by:\_\_

resulting from tests made in approved labs. furnished by the produces of the metal, or data We certify that this is a true copy of the report PO/Rel 16444 .LUMINUM FLAT BAR 6061-T6511 .50" x 5.00" X 144.0000" PART NO. DART AEROSPACE

### CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com





KALAMAZOO, MI 49048 **2502 KAISER DRIVE** FABRICATED PRODUCTS, LLC KAISER ALUMINUM

,	KRUPP MATEI SSTAFF ROAL O, ON L4K 5C6	2821 LANG			ДАОЯ	THYSSENKRUPP N 2821 LANGSTAFF CONCORD, ON LAI	
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TEMPER:	MBER: ALLOY:	KAISER LOT NU	SHIP DATE:		гие цем:	KAISER ORDER NUMBER:	
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### Actual Physical Properties

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Applicable Requirements:

conforms to T6-not applicable to other tempers; YZLW-3551-08-21ENCIFED YZWE-28551 1888 ZECL II YWZ-00-Y-500\8 3NZ#860097 (1691] 9-20

Miscellaneous Notes

MANUFACTURED IN USA (SHERMAN, TX) MELTED IN USA

CERTIFICATION

Kaiser's general remms and conditions of sale. Test reports are on file, subject to examination. trapocted and tested and found in Kaiser's sales acknowledgement form. Any warranty is limited to that shown on hereby certifies that metal shipped under this order has been Kaiser Aluminum Fabricated Products, LLC

Quality & Technology Manager

Line Item: 001 Kalser Order Number: 613265 Plant Serial: 00029222

Fage 1 of 1

THYSSENKRUPP MATERIALS NA

BF bec-128034-009

1/1 89

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Signed by:

PO/Rel 16444
We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE 220" x 3.50" x 144.0000" PART NO.

2502 KAISER DRIVE

KAISER ALUMINUM

FABRICATED PRODUCTS, LLC

### CERTIFIED TEST REPORT

http://Online.KaiserAluminum.com



ALUMINUM STOUCKS

CONCORD, ON L4K 5C6 CANADA CONCORD, ON L4K 5C6 CANADA 2821 LANGSTAFF ROAD QAOR FRANCSTAFF ROAD THYSSENKRUPP MATERIALS NA THYSSENKRUPP MATERIALS NA :OT SIHS 87 000 966 602493 8,000 PCS 73 000.Sr WEIGHT SHIPPED: B/L NUMBER: :YTITNAUD DIAM/DAF/THKUS: HLOW TENGTH: 2102/72/10 01060100Z **BI1681** 1909 KAISER ORDER NUMBER: LINE ITEM: KAISER LOT NUMBER: SHIP DATE: :YOJJA PEC-236318-4 ALREC00186 KAISERSELECT SC MANIFOLD BAR 2.50 X 3.50 :ЯЭВМОИ ТЯАЧ ЯЭМОТВОО CUSTOMER PO NUMBER: KALAMAZOO, MI 49048

### Actual Physical Properties

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### Chemical Composition (wt%), Aluminum Remainder

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### Applicable Requirements:

### Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

### CERTIFICATION

Raiser Aluminum Jabricated Products, LLC hereby certifies that metal shipped under this crder has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form, Any warranty is limited to that shown or Kaiser's grown of conditions of sale, lest reports are on file, subject to examination.

PJCx XCh, Quality & Technology Manager

Sinh

Plant Serial: 0002/301 Kaiser Order Number: 612152 Foo :medi end Page 1 of 1

THYSSENKRUPP MATERIALS NA

BL PEC-758034-007 19Mall2

Signed by:

FOVER 10444

We centify that this is a true copy of the report
furnished by the producer of the meral, or data
resulting from tests made in approved labs.

DART AEROSPACE 1.00" DIA X 144.0000" DIA X 144.0000"

2702 KAISER DRIVE

KAISER ALUMINUM

FABRICATED PRODUCTS, LLC

### CERTIFIED TEST REPORT

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FABRICATED PRODUCTS

	<b>₫</b> ₩0Я	THYSSENKRUPP I 2821 LANGSTAFF CONCORD, ON L4		THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA				
		sorb To:			:OT 91H2			
12,000 FT			805648	000 bce	1020.000 LB 92.0			
rength:	:нтаім	DIAM/DAF/THKNS:	פער אחשפבא:	:YTITY:	WEIGHT SHIPPED: QUAN			
E1139T	1909	Z80000.19	02/14/2012		£00 r94£18			
TEMPER:	ALLOY:	KAISER LOT NUMBER:	:3TAO 91H8	ITEM:	KAISER ORDER NUMBER: LINE			
<del>7</del> 00`-/+0	SECISION ROD 1.00	KAISERSELECT PI		PEC-236860-3 015246-2				
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				8	KALAMAZOO, MI 49048			

### Actual Physical Properties

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BEND	COMDUCT.	MESS	IAAH	elong\$	ale (Kei)	nts (ksi)	SAMPLE#	#HSYC	REFERENCE

Plant Serial: 00029902 Kaiser Order Xumber: 613461 Page 1 of 2

### THYSERKRUPP MATERIALS NA

BF bEC-128034-001

Z/2 3g4

19Mail2

Signed by:

TOWER 10949We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

PART AEROSPACE 1.00" DIAX 144.0000" PART NO.

### CERTIFIED TEST REPORT

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Mado

MUNINUM STOUGORY GETAOINGERS

KALAMAZOO, MI 49048 6205 KAISER DRIVE FABRICATED PRODUCTS, LLC FUMINUM

### Chemical Composition (wt%), Aluminum Remainder

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DC. 10, 00, S0, ε0, O1, 76, 80,	TS. BE.

### Applicable Requirements:

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### Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

### CERTIFICATION

Raiser Aluminum Fabricated Products, LLC heraby certifies that metal shipped under this order has been inspected and tested and fested in conformance with applicable specifications forming a part of the abound on description sot forth in Kaiser's sales acknowledgement form, Any warranty is limited to that shown on Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Careh.

Plant Serial: 00029932 Kaiser Ordor Number: £13461 .ine Item: 003 Fage 2 of 2

## THYSSENKRUPP MATERIALS NA

DART AEROSPACE

STAINLESS STEEL SHEET 304-2B .1200 Nom X 48.0000" X 96.0000" PART NO.

PO/Rel 16444

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

Signed by:

19Mar 12 Pg 1/3

Certificate of Mill Test Results BL PEC-758034-003

拉 區 郊 田 事

高雄市前金属中正四路 235 號 13F

運鋁鋼鐵	運鉛鋼鐵股份有限公司	似城市	<b>烟</b>	13-F, No. 235, Jungjeng, 4th Road	gjeng, 4th Road
YUEN CHAI	YUEN CHANG STAINLESS STEEL CO., LTD.	INSPECTION	INSPECTION CERTIFICATE	Chianjin Chiu, Kaohsiung, Taiwan.	ohsiung, Taiwan.
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ਹੈ	Customer	Onta	Ontario, Cana	mada, L5T 134	134	<b>.</b>							A STATE OF	
項目		鋼格編號	ŀ	_	類	旗號	i	が開催	张 ]	<b>世</b>	產品尺寸(MM) With	grath	TANK AN	richt
Item		Con No.	Ġ.		Hea	Heat No.	Ste	Steel Grade	rmsh	Thickne	I mickness x widin x Lengar	Linguit	101	
~	¥	KA10505990E10-3	90E10-3		A110	A1101712	· 	304	NO.4	1.2	1.20 x 1219 x 3048	48	1,386	9
0	Y	KA10508840J20-	40120-3		A110	A1101752		304	NO.4	1.5	1.50×1219×3048	48	1,142	12
	2	K & 10508840120		<u>                                     </u>	A116	A1101752		304	NO.4	1.5	1.50 x 1219 x 3048	48	1,134	4
2 :	A .	V A 105051 50F16-1	SOF16-1		A216	A2101743		304	2B	1.5	1.50 x 1219 x 2438	38	1,814	4
1 2	4 2	KA10336420D1	120D10		A210	A2101093	-	304	28	6.0	0.90 × 1219 × 2438	38	1,161	15
2 2		H4886-1	7.		B985	B9857-4000		304	2B	3.0	3.00 x 1219 x 2438	38	1,108	œ
-	14	Z A 10505090F2	900F20		A116	A1101712	_	304	28	1.2	$1.20 \times 1219 \times 3048$	- 1	1,368	88
=		4	化學成	政份	ฮ็	Chemical Composition	ampositie	(%) uc		色	機械性質	Mechai	Mechanical Properties	es
押		-											1	
. Ш										抗拉強度	降火焰板	他長期		順度
Item	ပ	:ĭ	S.	Д	S	ర	艺	z		N/MM²	Y.S(0.2%) N/MM <sup>2</sup>	Elong (%)	HRB	HV
c	070	0.460	1 120	0.030	900	18 100	000	0.050		989	288	55.0	87.5	1
•	0.040		1110	0.036	0.00	18 200	8 000	0.040		663	325	56.0	83.0	,
\$	0.040	0.400	110	0.036	0.007	18 200	8 000	0.040	-	699	325	56.0	83.0	•
2 =	0.00		1 170	0.037	0.001	18.200	8.000	0.040		658	271	58.0	79.5	'
2	0.040		1.70	0.035	0.007	18.000	8.000	0.040		658	290	57.5	84.5	
1	0.046	0.414	1.195	0.033	0.003	18.075	8.063	0.054		640	274	563	84.2	
4	0.040	0.040 0.460	Ι.	0.039	<u> </u>	18.100	8.000	0.050		989	288	55.0	87.5	•
茲證明	本表所列	横品・均	佐材料規	格製造及	神・動語	茲證明本表所列產品,均依材料規格製造及試驗,並符合規格之要求	2万野米		4		Mar rod VIII	O behalf	vor end on behalf of STAINLESS.	ż
We here	We hereby cortify that the products	that the p	roducts d	escribed l	rerein hav	e been ma	nutacture	described herein have been manufactured and tested with	WITH		S S S S S S S S S S S S S S S S S S S	1,000	LTD.	
Satisfac	tory result	ts in accor	dance wit	th the requ	irement 0	f the abov	e materia	Satisfactory results in accordance with the requirement of the above material specification.	É			_		
本產品	本產品無幅射污染,並且不含汞	茶, 旅且	不合汞。								>	, (		1
The mai	terial desc	ribed abov	ve is free	irradiation	The material described above is free irradiation and free mercury.	mercury.						Tare .	Anthorized Bigmeturela	į
Accord	Accordance With ASTM A240	th ASTA	4 A240 A	And ASTM A480	M A480									

-2-

### PURCHASE ORDER

Tel: 613 632 9577 Hawkesbury, ON K6A 1K7 1270 Aberdeen Street Dart Aerospace Ltd.

Fax: 613 632 1053



Purchase Order ID PO16444

PO Print Date 3/14/12 Purchase Order Date 3/14/12

Page Number 1 of 3

VC-COP001

TORONTO, ON MSW 5V8 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A" THYSSENKRUPP MATERIALS CA LTD

Contact Name

Vendor Phone

**∀**⊃

Order From:

Vendor Fax

: oT qid2

Vendor Account Nbr

CANADA HAWKESBURY, ON K6A 1K7

Unit Price

Taxable Unit of Measure Red Oty/ Ship Method

Destination-Collect

CVD

**Net 30** 

10127-2607

Chantal Lavoie

12.00 Yours ppd

IS

32.00

Yours ppd

Yours ppd 00.42

**FOB** Currency

Terms

Buyer

Tax Resale Nbr

Requisition Nbr

Yes 3/23/12

Red Date/

1270 ABERDEEN

303 Round Bar 0.750

OI giM

Description/

Vendor Part Number

DART AEROSPACE LTD

**EE06 8EL 506** 

**ተ**ተተ6 699 **\$**06

&CO 025.0AE0EM

Revision ID

Line Nbr Reference

PER ASTM A582 MATERIAL: AISI 303 SS ROUND BAR AS Special Inst:

Special Inst:

3/53/15

χes

304/316 0.125 Sheet

303 Round Bar 1.00

₹000.18E0EM

M304SHGA

**VANNEALED 2B FINISH** MATERIAL: AISI 304/316 SS SHEET Special Inst:

Xes

3/23/17

**PER ASTM A582** 

AS MIL-S-5059 OR AMS 5513 (304) OR

NOTE: AISI 304/316 NOT ACCEPTABLE

MATERIAL: AISI 303 SS ROUND BAR AS

NOTE: ALSI 304/316 NOT ACCEPTABLE

AMS 5524 (316)

Change Date: 3/14/12

OR ASTM A240 OR ASME SA240

consent. No substitution or deviation without

0007.6\$

0076'9\$

0006.5\$

04.018\$

**\$83.04** 

09.56\$

Price

Extended

Certification required when applicable Certificate of Conformity or Material Change Nbr:

Ĭ

### **LONGCHASE ORDER**

### Purchase Order ID PO16444

PO Print Date 3/14/12 Purchase Order Date 3/14/12

Certification required when applicable Certificate of Conformity or Material

> Tel: 613 632 9577 Hawkesbury, ON K6A 1K7 1270 Aberdeen Street Dart Aerospace Ltd.



Change Nbr:

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90 9V\$		8/S22- <b>V-</b> C	4116 -QQ-A-2 1 OR		AS PER C OR QQ-A	ROUND BAR 1.00"	000	M6061T6R1.
		dva Miliv	MINITIN		MATERIA	Special Inst:		
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76.74 <b>.</b> 8	0099.02\$	Yours ppd	00.21 1	_	/E7/E	02.5 x 02.2 188 3T-1303		M6061T6B2.5
		500/8 OE	-QQ-A-2 1116 1116 1116	4 S410,6511168 4 A O 8,622-A-9 41117,4128,41151 500,8 OB MS-1 12 MTSA 90 12	AS PER Q OR AMS 4160 AMS 4160 ASTM B2	Special Inst:	001 001100	
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08.298\$	\$\$75°\$\$		00.291 18	rs)	X 1/27/E	500. 199AZ 31E\40E	00	AD31240EM
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		CVD		Currency			_	
1017-72101				Tax Resale Nb		C		endor Fax endor Account Nb
			1	AN noitisiupsA			06 8EL 506 7 <b>7</b> 6 699 506	endor Phone
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	Print Date 3/14/12	na -						

Change Date: 3/14/12

### PURCHASE ORDER

### Purchase Order ID PO16444

PO Print Date 3/14/12 Purchase Order Date 3/14/12

Tel: 613 632 9577 Hawkesbury, ON K6A 1K7 1270 Aberdeen Street Dart Aerospace Ltd.

Fax: 613 632 1053



Page Number 3 of 3

**AC-COb001** 

THYSSENKRUPP MATERIALS CA LTD

CV TORONTO, ON MSW 5V8 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"

EE06 8EL 506

Contact Name

Order From:

Vendor Phone

Vendor Fax

Vendor Account Nbr

Special Inst:

Special Inst:

T6/T651/T6510/T6511/T62 ALUMINUM MATERIAL: 6061-

Xes

ROUND BAR

**EOB** Currency

Terms

Buyer

Tax Resale Nbr

Requisition Nbr

AS PER QQ-A-225/8 OR AMS-QQ-A-225/8

4115/4116 OR QQ-A-200/8 OR AMS-QQ-OR AMS 4117/4128/

OR ASTM B211 OR ASTM B221 A-200/8 OR AMS 4160

384.00 3/53/17 35-150 Sheet 35-1303

080.23T1303M

res

MATERIAL: 6061-T6/T62 ALUMINUM

JS

Yours ppd

Destination-Collect

CAD

**Net 30** 

10177-2607

Chantal Lavoie

SHEEL

250/11 OR AS PER QQ-A-250/11 OR AMS-QQ-A-

AMS 4025 OR AMS 4027 OR ASTM B209

£9.261,E\$

66'66E'I\$

:lstoT Oq

83,6458

REQ'D UPON DELIVERY MATERIAL CERTIFICATION

REO'D UPON DELIVERY CERTIFICATE OF CONFORMITY

Certification required when applicable Certificate of Conformity or Material consent. No substitution or deviation without

Change Date: 3/14/12 I Change Nbr: